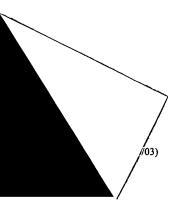


United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE 09/263,311 03/08/1999 JOHN J. KORMAN 1666 **EXAMINER** 32127 7590 08/09/2004 VERIZON CORPORATE SERVICES GROUP INC. SINGH, RAMNANDAN P C/O CHRISTIAN R. ANDERSEN ART UNIT PAPER NUMBER 600 HIDDEN RIDGE DRIVE MAILCODE HQEO3H14 2644 IRVING, TX 75038 **DATE MAILED: 08/09/2004**

Please find below and/or attached an Office communication concerning this application or proceeding.



Office Action Summary Continue Continue				
## Examiner ## Art Unit ## Ramnandan Singh ## 2644 ## The MAILING DATE of this communication appears on the cover sheet with the correspondence address **Period for Repty** A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. • Exhibitions of time may be available under the provision of 37 CFR 1.13(b). In no event, however, may a raphy be theny filed • If the period of raphy is applied above, the maintenant statutory period will apply and will expire SIX (b) MONTHS from the mailing date of this communication. Failure to epid with the ent of isacide plants or early did uplay, a reply within the attended particle reply of 10 U.S. 2 to 133. ## If the period of raphy is applied above, the maintenant statutory period will apply and will expire SIX (b) MONTHS from the mailing date of this communication. Failure to epid with the entire application provided by the period of the communication, even if strongly lifed, may reduce time. ### Period for raphy is application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex partic Quayle, 1935 C.D. 11, 453 O.G. 213. ### Period for this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex partic Quayle, 1935 C.D. 11, 453 O.G. 213. ### Period for this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex partic Quayle, 1935 C.D. 11, 453 O.G. 213. ### Period for this period for the communication of the practice under Ex partic Quayle, 1935 C.D. 11, 453 O.G. 213. ### Period for the application of the practice under Ex partic Quayle, 1935 C.D. 11, 453 O.G. 213. ### Period for the application of the practice under Ex partic Quayle, 1935 C.D. 11, 453 O.G. 213. ### Period for the application for the practice under Experiod for the pra		Application No.	Applicant(s)	
Ramanadan Singh 2644 The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Repty A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Estimation of name may be available under the provision of 3° CRR 1.13(a). In no event, however, may a reply be limely filed Estimation of reply appended above is less than thirty (30) days, and reply within the statutiony minimum of thirty (30) days will be considered intelly. If the period for reply appended above is less than thirty (30) days, and reply within the statutiony minimum of thirty (30) days will be considered intelly. If the period for reply appended above is less than thirty (30) days, and reply within the statutiony minimum of thirty (30) days will be considered period to reply will, by statute, cause the application to become ABANDONED (38 U.S.C.§ 133). From the period of the statution of the statution period will applied the communication, event of strong filed on the communication of strong filed on the strong filed on the communication of form and the strong filed on the communication of	Office Action Summary	09/263,311	KORMAN ET AL.	
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extendinos of time rey to sayaibles under the provision of 3° CF8 1 130(s), in no event, however, may a reply be timely fited by the period for reply specified above is less than they (30) days, a reply within the stabulatory minimum of thirty (30) says, will be considered linely. If the period for reply specified above is less than they (30) days, a reply within the stabulatory minimum of thirty (30) says, will be considered linely. If the period for reply specified above is less than they (30) days, a reply within the stabulatory minimum of thirty (30) says, will be considered linely. If the period for reply specified above is less than they (30) days, a reply within the stability of reply specified above is less than they (30) days, a reply within the stability of reply specified above the says and state of the specified above the specified above the says within the stability of the source of the sour		Examiner	Art Unit	
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION. - Examence of the major be available under the provisions of 37 CFR 1.73(b), in no event, however, may a reply be timely filed because the common of the major of the common of the major of the common of the commo	TI MAIL INO DATE CUI	_		
THE MAILING DATE OF THIS COMMUNICATION. Estentions of time may be wisible under the provisions of 37 CFR 1.18(e). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communications of 37 CFR 1.18(e). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication reply within the action of reply is pacified above. The maintenant adjust price of the statutery reprivation is six (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended price price price of the reply will apply and will explicate the price more mailing date of this communication. Six (6) MONTHS from the mailing date of the communication (2) Six (2) Six (3) Six (3) Six (4) Si	The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	correspondence address	
1) ⊠ Responsive to communication(s) filed on 20 May 2004. 2a ☐ This action is FINAL. 2b) ☒ This action is non-final. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213. Disposition of Claims 4) ☒ Claim(s) 3-24 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☒ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☒ The drawing(s) filed on 26 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s)	THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing	36(a). In no event, however, may a reply be ting within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133)	
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213. Disposition of Claims 4) Claim(s) 3-24 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 26 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	Status			
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213. Disposition of Claims 4) Claim(s) 3-24 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 26 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	1) Responsive to communication(s) filed on 20 May 2004			
3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 Claim(s) 3.24 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5 Claim(s) is/are allowed. 6 Claim(s) is/are objected. 7 Claim(s) is/are objected to. 8 Claim(s) are subject to restriction and/or election requirement. Application Papers 9 The specification is objected to by the Examiner. 10 The drawing(s) filed on 26 September 2003 is/are: a accepted or b objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11 The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received.				
Closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4)	· <u>-</u>			
4) ☐ Claim(s) 3-24 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on 26 September 2003 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 2) ☐ Notice of References Cited (PTO-892) 3) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) Application from the Interview Summary (PTO-413) Paper No(s)/Mail Date				
4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) ☒ The drawing(s) filed on 26 September 2003 is/are: a) □ accepted or b) ☒ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	Disposition of Claims			
4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) ☒ The drawing(s) filed on 26 September 2003 is/are: a) □ accepted or b) ☒ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	4) Claim(s) 3-24 is/are pending in the application			
5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on _26 September 2003 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.				
6) Claim(s) 3-24 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 26 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some or None or: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) Attachment(s) 1) Paper No(s)/Mail Date.	and the second control of the second control			
7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 26 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Attachment(s) 1) Interview Summary (PTO-413) Paper No(s)/Mail Date	· _ · · · · · · · · · · · · · · · · · ·			
Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 26 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.				
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 26 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Altachment(s) 1) Notice of Praftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date. Paper No(s)/Mail Date. Paper No(s)/Mail Date.	•			
10) The drawing(s) filed on 26 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some column of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Attachment(s) Notice of References Cited (PTO-892) Altachment(s) Altachment(s) Paper No(s)/Mail Date. Paper No(s)/Mail Date. Paper No(s)/Mail Date. Paper No(s)/Mail Date.	Application Papers			
10) The drawing(s) filed on 26 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some column of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Attachment(s) Notice of References Cited (PTO-892) Altachment(s) Altachment(s) Paper No(s)/Mail Date. Paper No(s)/Mail Date. Paper No(s)/Mail Date. Paper No(s)/Mail Date.	9) The specification is objected to by the Examine	r		
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some colon None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948)	·			
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date. Paper No(s)/Mail Date.				
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date				
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some col None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Attachment(s) Attachment(s) Attachment(s) A Interview Summary (PTO-413) Paper No(s)/Mail Date	<u> </u>			
a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) Attachment(s) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date	Priority under 35 U.S.C. § 119			
1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1 Notice of References Cited (PTO-892) 2 Notice of Draftsperson's Patent Drawing Review (PTO-948) 1 Interview Summary (PTO-413) Paper No(s)/Mail Date	12) Acknowledgment is made of a claim for foreign	priority under 35 U.S.C. § 119(a))-(d) or (f).	
2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Output	1. Certified copies of the priority documents have been received.			
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 1 Interview Summary (PTO-413) Paper No(s)/Mail Date				
application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Output				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date	application from the International Bureau (PCT Rule 17.2(a)).			
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date.	* See the attached detailed Office action for a list of the certified copies not received.			
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) A) Interview Summary (PTO-413) Paper No(s)/Mail Date.				
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) A) Interview Summary (PTO-413) Paper No(s)/Mail Date.	Attachment(s)			
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date	1) Notice of References Cited (PTO-892)	4) Interview Summary	(PTO-413)	
TO A LONG TO THE STATE OF THE S		Paper No(s)/Mail Da	ate	
Paper No(s)/Mail Date 6) Other:	3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date		ателт Аррисатіол (РТО-152)	

Art Unit: 2644

DETAILED ACTION

Response to Arguments

- 1. Applicant's arguments filed on 20 May 2004 have been considered but are moot in view of the new ground(s) of rejection.
- 2. On page 2, line 6 (Applicant's response), "U.S. Patent No. **6,447,248** B1 to Bruhnke" is in error. The correct no. is "U.S. Patent No. **6,477, 248** B1 to Bruhnke".

Status of Claims

Claims 1 and 2 are <u>cancelled</u>.
 Claims 3-24 are pending.

Drawings

4. The drawings are objected to under 37 CFR 1.83(a). Claim 3 recites the limitation "the disabling mechanism includes one or more **insulating plugs** insertable into at least one of the normally-closed contacts" on page 2. Since the claimed "improved terminal block" is based on a mechanical arrangement (or structure), the mechanical arrangement (or structure) of the **insulating plug** must be shown. As a result, claim 3 has not been illustrated. A similar thing holds for claims 6, 12, 23, 24.

Further, claim 13 recites "third and fourth connection mechanisms" in 3rd line. The third and fourth connection mechanisms to connect third and fourth service providers to a customer are not shown. A similar thing holds for claims 14-17, 22-23.

Art Unit: 2644

The drawings must show every feature of the invention specified in the claims.

Therefore, the mechanical structure of the disabling mechanism including one or more insulating plugs and third and fourth connection mechanisms must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

5. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Art Unit: 2644

ng Li Agriy Vi

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 1-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Admitted Prior Art (APA) [Applicant's Fig. 1].

Regarding claim 3, the APA teaches a terminal block (100) for connecting a customer with a single telecommunications service provider, the block comprising:

a connection mechanism (100) which, when not disabled, connects the customer (i.e. **Tip 134, Ring 136**) to a service provider (i.e. **Tip 130 and Ring 132**); a disabling mechanism for disabling the connection mechanism.

wherein the connection mechanism includes normally-closed contacts, 134, 136, 138, 140, and the disabling mechanism includes one or more insulating plugs insertable into at least on of the normally-closed contacts, , so as to disable the connection mechanism [Applicant's Fig. 1; Specification, Pages 2-3].

Although this stand-alone connection mechanism (100) is for connecting a customer to

3 5 1 80

Application/Control Number: 09/263,311

Art Unit: 2644

a single service provider, this is nevertheless a teaching to one of ordinary skill in the art to apply the identical connection mechanism to connect the same customer to a second service provider also.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to repeat the single connection mechanism in series with the first connection mechanism to connect the customer to a second service provider so as to provide a customer with a choice to select any one of the telecommunications service providers available in the market.

Claim 4 is essentially similar to claim 3 except for normally-closed contacts. The connection mechanism (100) comprises a first normally-closed contact 134 in series between a first terminal 102 and a second terminal 118, and a second normally-closed contact 136 in series between a third terminal 104 and a fourth terminal 120.

Regarding claim 5, as discussed above, the second connection mechanism is a copy of the first connection mechanism. The APA (Applicant's Fig. 1) further teaches how to connect any one of identical connection mechanisms to a customer premises. At the time of the invention, it would have been obvious to a person of ordinary skill in the art to connect a customer to a second connection mechanism.

Art Unit: 2644

Regarding claim 6, the APA teaches a disabling mechanism including removable insulating plugs which are insertable into any of the normally-closed contacts 134, 136, 238 and 140 shown in Fig. 1 [Applicanr's Spec. page 2].

Regarding claim 7, the APA teaches terminal block 100 wherein each of respective pairs of first and third terminals, (102), (104) of the first connection mechanism shown in Fig. 1, are connected to corresponding incoming twisted-pair telephone lines (Tip(130), Ring(132)) from a first telecommunications service provider [Fig. 1]. At the time of the invention, it would have been obvious to a person of ordinary skill in the art to connect a second telecommunications service provider to a second connection mechanism similar to the first connection mechanism.

Regarding claim 8, the APA teaches a connection mechanism for a single service provider Fig. 1]. At the time of the invention, it would have been obvious to a person of ordinary skill in the art to repeat the single connection mechanism in series with the first connection mechanism to connect the customer to a second service provider so as to provide a customer with a choice to select any one of the two telecommunications. When two identical connection mechanisms (100) are connected in series to connect two service providers, the limitations of claim 8 are met.

21. 2 40 5 61

Application/Control Number: 09/263,311

Art Unit: 2644

Regarding claim 9, the APA teaches the terminal block (100) wherein the outgoing twisted-pair telephone lines (i.e. **Tip (143), Ring(136))** are routed to a customer premises [Fig. 1].

Regarding claims 10 and 11, the APA teaches the terminal block (100) wherein the outgoing twisted-pair telephone lines (i.e. **Tip (143), Ring(136))** are routed to a customer premises through ancillary equipment (170) configured to provide a local loop [Fig. 1].

Regarding claim 12, the limitations have been discussed above (see claim 3).

Regarding claim 13, the configuration of the third and fourth connection mechanisms are similar to that of the first and second connection mechanisms as discussed above (see claim 3).

Regarding claim 14, the limitations have already shown above (see claim 4).

Regarding claim 15, the limitation has been discussed above (see claim 5).

Regarding claim 16-22, the limitations are shown above (see claims 8-11).

Art Unit: 2644

Regarding claim 23, the APA teaches a connection mechanism for connecting a single telecommunications service provider. This is nevertheless a teaching to one of ordinary skill in the art to apply the identical connection mechanism to connect the same customer to third and fourth service providers.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to apply the single connection mechanisms [APA: Fig. 1] to generate a new terminal block to accommodate two or more telecommunications service providers, and thereafter provide a selection combination using disabling mechanisms to select any one of the service providers subject to circuit, system and design constraints.

Regarding claim 24, the limitation has been shown above (see claim 6).

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramnandan Singh whose telephone number is (703)308-6270. The examiner can normally be reached on M-F(8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Forester Isen can be reached on (703)-305-4386. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ramnandan Singh Examiner Art Unit 2644